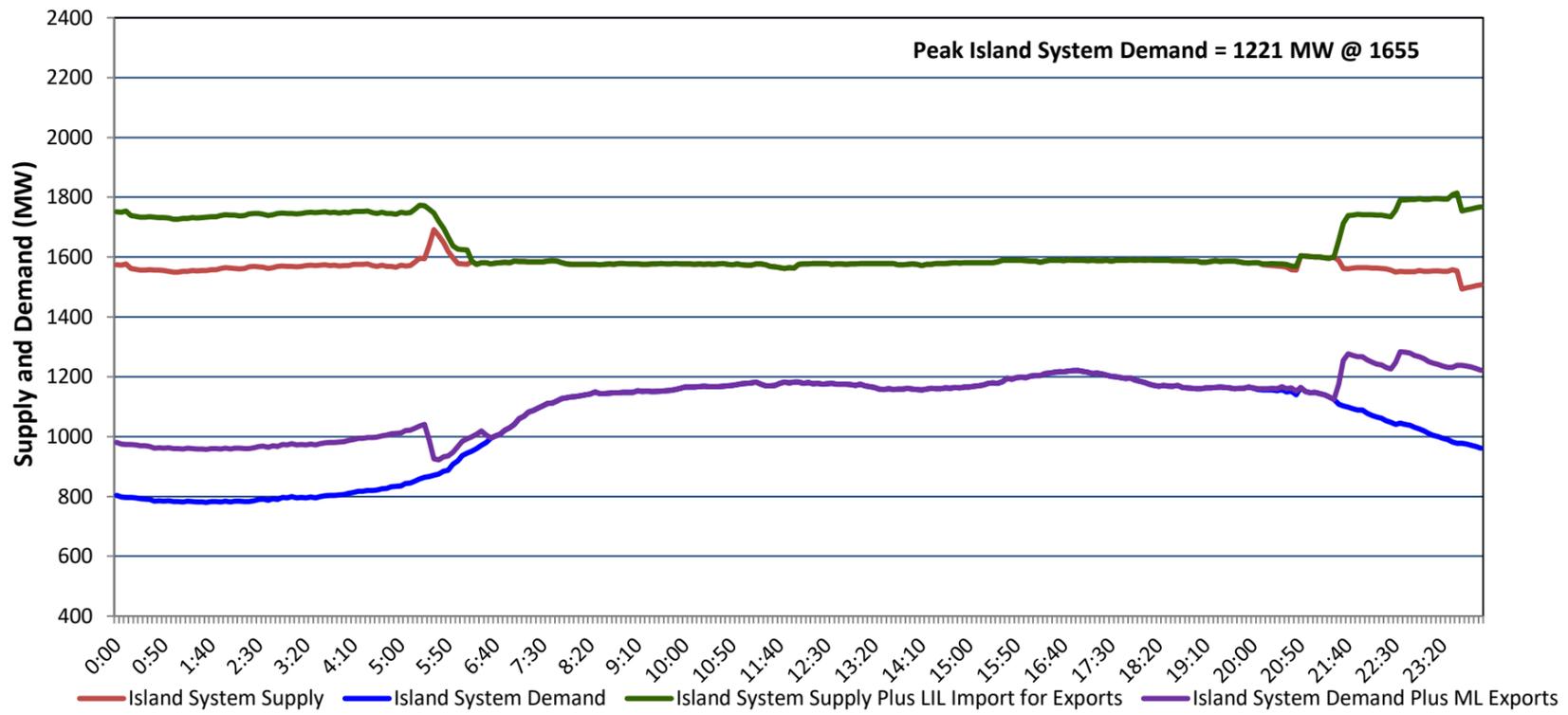


# Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Friday, April 19, 2024

## Section 1 Island Interconnected System - Supply, Demand & Exports Actual 24 Hour System Performance For Thursday, April 18, 2024



### Island Supply Notes For April 18, 2024

- A As of 0800 hours, May 21, 2023, Holyrood Unit 2 unavailable due to forced extension to planned outage (170 MW).
- B As of 2059 hours, July 13, 2023, Stephenville Gas Turbine unavailable due to forced outage (50 MW).
- C As of 1400 hours, February 06, 2024, St. Anthony Diesel Plant available at 8.7 MW due to forced derating (9.7 MW).
- D As of 1011 hours, April 12, 2024, Holyrood Unit 1 unavailable due to planned outage (170 MW).
- E As of 0854 hours, April 14, 2024, Bay d'Espoir Unit 3 unavailable due to a forced outage (76.5 MW).
- F At 0613 hours, April 18, 2024, Labrador Island Link unavailable due to planned outage (700 MW).
- G At 2050 hours, April 18, 2024, Labrador Island Link available at 450 MW due to forced derating (700 MW) - Monopole.
- H At 2337 hours, April 18, 2024, Holyrood Unit 3 available at 90 MW due to forced derating (150 MW).

## Section 2 Island Interconnected System - Supply, Demand & Outlook

Fri, Apr 19, 2024	Island System Outlook <sup>2</sup>	Seven-Day Forecast	Island System Daily Peak Demand (MW)	
			Forecast <sup>8</sup>	Adjusted <sup>6</sup>
Island System Supply: <sup>4</sup>	1,530 MW	Friday, April 19, 2024	1,225	1,131
NLH Island Generation: <sup>3,7</sup>	1,165 MW	Saturday, April 20, 2024	1,100	1,007
NLH Island Power Purchases: <sup>3</sup>	150 MW	Sunday, April 21, 2024	1,135	1,042
NP and CBPP Owned Generation:	215 MW	Monday, April 22, 2024	1,115	1,022
LIL Net Imports to Island: <sup>9</sup>	- MW	Tuesday, April 23, 2024	1,135	1,042
		Wednesday, April 24, 2024	1,150	1,057
7-Day Island Peak Demand Forecast:	1,225 MW	Thursday, April 25, 2024	1,100	1,007

### Island Supply Notes For April 19, 2024

- I At 0541 hours, April 19, 2024, Labrador Island Link unavailable due to planned outage (700 MW).

Notes:

1. Generation outages for running and corrective maintenance are included. These are not unusual for power system operations. They generally do not impact customer supply. Hydro schedules outages to system equipment whenever possible to coincide with periods when customer demands are low and sufficient supply reserves are available. However, from time to time equipment outages are necessary and reserves may be impacted.
2. As of 0800 Hours.
3. Gross continuous unit output.
4. Gross output from all Island sources (including Note 4).
5. NLH Island Power Purchases include: ML Imports, Exploits Generation, Rattle Brook, Star Lake, Wind Generation and capacity assistance (when applicable).
6. Adjusted for interruptible load and the impact of voltage reduction when applicable.
7. Due to limitations inherent in the design of combustion turbines, the output of combustion turbines may be reduced in the event that ambient temperatures exceed the threshold required for full rated output. This threshold is dependent on the design of each turbine.
8. Does not include ML Exports.
9. LIL Import sunk in the Island System. Actual LIL flows will be restricted by various system conditions including, but not limited to, Island Load, ML Exports and Avalon Unit status.

## Section 3 Island Peak Demand and Exports Information Previous Day Actual Peak and Current Day Forecast Peak

Thu, Apr 18, 2024	Island Peak Demand <sup>10</sup>	16:55	1,221 MW
	Exports at Peak		0 MW
	LIL Net Imports to Island		185 MWh
Fri, Apr 19, 2024	Forecast Island Peak Demand		1,225 MW

Notes: 10. Island Demand is supplied by NLH generation and purchases, LIL Imports plus generation owned and operated by Newfoundland Power and Corner Brook Pulp & Paper (Deer Lake Power, DLP).